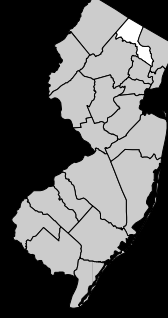


# Passaic County



PASSAIC

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# A-Z Automotive Repair Center

1692 Union Valley Road

West Milford Township

Passaic County

**BLOCK:** 7104    **LOT:** 1

**CATEGORY:** Non-Superfund  
State Lead, IEC

**TYPE OF FACILITY:** Gasoline Service Station  
**OPERATION STATUS:** Inactive

**PROPERTY SIZE:** 0.5 Acre

**SURROUNDING LAND USE:** Residential/Undeveloped

## MEDIA AFFECTED

Ground Water

## CONTAMINANTS

Volatile Organic Compounds

## STATUS

Treating

Potable Water

Volatile Organic Compounds

Treating

Soil

Volatile Organic Compounds

Treating

Structures

Gasoline Vapors

Venting

## FUNDING SOURCES

Spill Fund

1986 Bond Fund

General State Fund

Corporate Business Tax

## AMOUNT AUTHORIZED

\$2,301,000



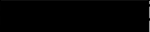














\$329,000

\$431,000

\$674,000

## SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

In 1989, underground storage tanks at this former service station were determined to be leaking gasoline into the ground water. The ground water plume from the site contaminated 18 private potable wells in the area and caused gasoline vapors to seep into several nearby homes. In 1990, the gasoline supplier for the service station removed the underground storage tanks, installed a ground water treatment system and a soil venting system at the site, provided Point-of-Entry Treatment (POET) water filtration systems for residents with contaminated private wells and installed a soil vapor recovery system to prevent gasoline vapors from entering homes. NJDEP assumed responsibility for the site in 1991 after the gasoline supply company claimed that it was no longer able to finance the cleanup or maintain the various remedial systems. NJDEP modified the original ground water treatment system to increase hydraulic control of the contaminant plume and has made improvements to the on-site soil venting system. NJDEP also removed an additional underground storage tank that was previously unidentified. Operation and maintenance (O&M) of the ground water treatment system and soil venting system are ongoing. NJDEP is continuing to sample private potable wells in the area to monitor the extent of the ground water plume and is maintaining the POETs to ensure the units continue to operate effectively.

PROJECT NAME	R/RAS	DESIGN	CONSTR	O&M	
Tank Removal					 Planned
Performance Evaluation					 Underway
Sitewide					 Completed
					 Not Required

# G J Rednor Incorporated

87, 92 & 94 Ringwood Avenue

Wanaque Borough

Passaic County

**BLOCKS:** 108      **LOTS:** 1, 8, 11.02  
206                      1.01, 3

**CATEGORY:** Non-Superfund  
State Lead

**TYPE OF FACILITY:** Waste and Sewage Disposal  
**OPERATION STATUS:** Inactive

**PROPERTY SIZE:** 71.5 Acres (total)

**SURROUNDING LAND USE:** Residential

## MEDIA AFFECTED

## CONTAMINANTS

## STATUS

Soil

Volatile Organic Compounds  
Petroleum Hydrocarbons  
Metals

Investigating

Surface Water

Thallium

Investigating

## FUNDING SOURCES

## AMOUNT AUTHORIZED

No Public Funds Authorized to Date

## SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

This site consists of four individual properties located near the Wanaque Drinking Water Reservoir. G J Rednor Incorporated operated a waste hauling, septic tanks installation and septic system repair business at the 94 Ringwood Avenue property for approximately 50 years, until the mid-1990s. During this time, sewage wastes collected from several generators were allegedly disposed in trenches that were excavated on the four properties and the adjacent property owned by the North Jersey District Water Supply Commission. A variety of other hazardous substances, including methyl ethyl ketone, chloroform, toluene, waste oils and magnesium powder were also discharged or used as fill at the properties. The areas of concern are spread across approximately ten to fifteen acres of the overall site. In 1994, NJDEP conducted a preliminary investigation that indicated the soil at the site was contaminated with organic compounds and metals and a wetlands area was contaminated with thallium. NJDEP subsequently directed the Potentially Responsible Parties to investigate and remediate the contamination, but they did not comply. NJDEP's Division of Publicly Funded Site Remediation began a Remedial Investigation and Remedial Alternatives Selection (RI/RAS) in 1999 to delineate the extent of the contamination in the soil, ground water and the Wanaque Reservoir and identify cleanup options.

## PROJECT NAME

## RI/RAS

## DESIGN

## CONSTR

## O&M

Sitewide



☐ Planned

☒ Underway

☐ Completed

☐ Not Required

# Oak Ridge Road Ground Water Contamination

Oak Ridge Road

West Milford Township

Passaic County

**BLOCK:** Various **LOT:** Various

**CATEGORY:** Non-Superfund  
State Lead, IEC

**TYPE OF FACILITY:** Unknown Source  
**OPERATION STATUS:** Not Applicable

**PROPERTY SIZE:** Not Applicable

**SURROUNDING LAND USE:** Residential/Commercial

## MEDIA AFFECTED

Ground Water

## CONTAMINANTS

Tetrachloroethylene  
Trichloroethylene

## STATUS

Confirmed

Potable Water

Tetrachloroethylene  
Trichloroethylene

Treating

## FUNDING SOURCES

Corporate Business Tax

## AMOUNT AUTHORIZED

\$35,000

## SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Ground water contamination was discovered in this area in 1996, when sampling of a private well at a local industry revealed the presence of the chlorinated volatile organic compounds trichloroethylene (TCE) and tetrachloroethylene (also known as perchloroethylene, or PCE) at levels exceeding New Jersey Drinking Water Standards. These compounds were also detected in a private well at a nearby commercial facility in 1998. The source of the contamination is unknown. Sampling of private wells at other properties in the vicinity by the Passaic County Health Department has not identified any additional contaminated wells. The owners of the affected establishments have installed Point-of-Entry Treatment (POET) water filtration systems on their wells as an interim measure to provide potable water. NJDEP began a Remedial Investigation and Remedial Alternatives Selection (RI/RAS) in 1999 to determine the extent of the ground water contamination and identify cleanup options.

## PROJECT NAME

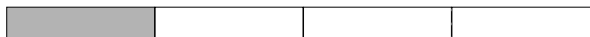
## RI/RAS

## DESIGN

## CONSTR

## O&M

Sitewide



- ☐ Planned
- ☒ Underway
- ☐ Completed
- ☐ Not Required

# Old Rifle Camp Road Ground Water Contamination

## Old Rifle Camp Road and Oak Ridge Road

### West Paterson Borough Passaic County

**BLOCK:** Various **LOT:** Various

**CATEGORY:** Non-Superfund  
State Lead, IEC

**TYPE OF FACILITY:** Unknown Source  
**OPERATION STATUS:** Not Applicable

**PROPERTY SIZE:** Not Applicable

**SURROUNDING LAND USE:** Residential

#### MEDIA AFFECTED

Ground Water

#### CONTAMINANTS

Volatile Organic Compounds

#### STATUS

Delineating

Potable Water

Volatile Organic Compounds

Treating

#### FUNDING SOURCES

Corporate Business Tax







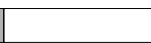
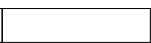
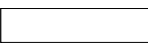



#### AMOUNT AUTHORIZED

\$290,000

#### SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

The Passaic County Health Department sampled 125 private potable wells in the Old Rifle Camp Road and Oak Ridge Road areas in 1997, after two residents of these neighborhoods reported that their well water was contaminated. The results of the sampling revealed that ten of the private wells were contaminated with volatile organic compounds above New Jersey Drinking Water Standards. In the Old Rifle Camp Road area, tetrachloroethylene (also known as perchloroethylene, or PCE) was detected in six wells, and in the Oak Ridge Road area benzene was detected in two wells and carbon tetrachloride was found in two other wells. NJDEP installed Point-of-Entry Treatment (POET) water filtration systems on the ten wells as an interim remedy to provide potable water for the residents.

In 1999, NJDEP completed a water supply alternatives analysis that concluded the most cost-effective long-term solution to provide potable water was the continued use of POETs at the affected homes, but the Borough of West Paterson decided to install water lines to the area instead. NJDEP has agreed to help pay for the water lines by providing the Borough with funds equal to the cost of monitoring and maintaining the POETs for 20 years. Installation of the water lines is expected to be completed in mid-2000. NJDEP will monitor and maintain the POETs to ensure the units continue to operate effectively until the water line is installed, and will periodically sample other private wells in the area to monitor ground water quality. NJDEP also plans to conduct a Remedial Investigation (RI) to determine the source or sources of the contamination.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M	
Receptor Control (POETS)					 Planned
Sitewide					 Underway
					 Completed
					 Not Required

# Paperboard Specialties, Inc.

177 Third Avenue

Paterson City

Passaic County

**BLOCK:** 454      **LOT:** 2  
          455           1  
          428           1  
          429           1

**CATEGORY:** Non-Superfund  
                  State Lead

**TYPE OF FACILITY:** Paper Products Manufacturing  
**OPERATION STATUS:** Inactive

**PROPERTY SIZE:** 1.8 Acres

**SURROUNDING LAND USE:** Commercial

## MEDIA AFFECTED

Ground Water

## CONTAMINANTS

Volatile Organic Compounds

## STATUS

Delineating

Soil

Volatile Organic Compounds

Delineating

## FUNDING SOURCES

Spill Fund

Corporate Business Tax

## AMOUNT AUTHORIZED









\$500,000





\$411,000

## SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Paper products were manufactured at this facility for approximately 90 years, beginning in the early 1900s. The facility changed ownership in 1985, which resulted in a mandated environmental investigation under the Environmental Cleanup Responsibility Act (ECRA, now known as the Industrial Site Recovery Act, or ISRA). Paperboard Specialties, Inc. purchased the facility in 1989 and assumed responsibility for compliance with ECRA requirements, but went out of business due to bankruptcy in 1992. A variety of hazardous conditions existed at the site at the time operations ceased. Explosive materials, leaking transformers and containers of chemicals were present within the process building. Drums containing potentially hazardous materials were being stored both inside and outside of the building. An underground storage tank located underneath the building contained 30,000 gallons of polychlorinated biphenyl (PCB) contaminated fuel oil. In addition, lubricating oil, gasoline and fuel oil from leaking underground storage tanks had contaminated the subsurface soil and ground water. A Responsible Party for the site subsequently removed the leaking underground storage tanks under the supervision of the NJDEP.

In 1994, NJDEP began a Remedial Investigation and Remedial Action Selection (RI/RAS) to determine the extent of the contamination in the soil and ground water and identify cleanup options and issued a Decision Document that required removal of the drums and other surface materials. As part of the RI/RAS, 25 monitor wells have been installed and a pump test is being conducted to recover petroleum product from the ground water. NJDEP plans to install additional monitor wells at on-site and off-site areas in 2000 to further delineate the extent of the ground water plume. NJDEP also plans to decommission the underground storage tank located underneath the building and remove the drums and other surface materials in 2000. The Responsible Party has reimbursed the State of New Jersey \$534,000 for remedial work conducted at the site.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M
Surface, Drum & UST Removal				
Ground Water, Product & Soil Remediation				

 Planned  
 Underway  
 Completed  
 Not Required

# Pratt Gabriel

204 21st Avenue

Paterson City

Passaic County

**BLOCK:** 1202    **LOT:** 3

**CATEGORY:** Non-Superfund  
State Lead

**TYPE OF FACILITY:** Chemical Manufacturing  
**OPERATION STATUS:** Inactive

**PROPERTY SIZE:** 0.4 Acre

**SURROUNDING LAND USE:** Residential/Industrial/Commercial

## MEDIA AFFECTED

Ground Water

## CONTAMINANTS

Pesticides  
Polychlorinated Biphenyls (PCBs)  
Metals

## STATUS

Potential

Soil

Pesticides  
Polychlorinated Biphenyls (PCBs)  
Metals  
Chlorinated Dioxins/Furans

Investigating

Building Interior

Pesticides  
Metals

Investigating

## FUNDING SOURCES

1981 Bond Fund

## AMOUNT AUTHORIZED

\$35,000

## SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:





The B.G. Pratt Company and the B.G. Pratt Division of Gabriel Chemical manufactured herbicides, pesticides and fertilizers at this site from 1965 to 1977. Miller Chemical and Fertilizer Corporation conducted similar operations at the facility from 1978 to 1980. The property was purchased by another company in 1981, who leased the property to a circuit board assembly shop. The site consists of a two-story building that covers most of the lot, two loading docks and a small (90 feet by 40 feet) yard area located in the back of the property.

In the early 1980s, in response to public concern about dioxin (also known as tetrachlorodibenzo-p-dioxin, or TCDD) and its effects on human health, NJDEP initiated a statewide study to identify facilities where dioxin contamination might be present. This study identified the former Pratt Gabriel site as potentially contaminated with dioxin based on its past operations. Sampling conducted by NJDEP in 1985 confirmed that dioxin, other types of pesticides and polychlorinated biphenyls (PCBs) were present in the soil in the yard area and inside a small shed adjoining the yard. Pesticides other than dioxin were also detected in chip and wipe samples collected from the interior of the main building. NJDEP covered the contaminated soil in the yard area with a tarp and posted warning signs on the fence surrounding the site. In 1986, the property owner demolished a small shed in the yard area, buried the rubble and contaminated soils and paved the entire yard area for use as a parking lot. NJDEP issued a directive that required the Potentially Responsible Parties to investigate and remediate the contamination throughout the site but they did not comply.

In 1998, the Pratt Gabriel site was transferred to NJDEP's Division of Publicly Funded Site Remediation for investigation and cleanup using public funds. NJDEP is preparing to conduct a Remedial Investigation (RI) to delineate the nature and extent of the contamination at the site. The RI field work is scheduled to begin in mid-2000 and will include sampling of the soil, ground water and the building.

## PROJECT NAME    RI/RAS    DESIGN    CONSTR    O&M

Sitewide    

 Planned  
 Underway  
 Completed  
 Not Required



# West Paterson Memorial School

Memorial Drive

West Paterson Borough

Passaic County

**BLOCK:** 504      **LOT:** 35

**CATEGORY:** Non-Superfund  
State Lead

**TYPE OF FACILITY:** Coal Gas Manufacturing  
**OPERATION STATUS:** Inactive

**PROPERTY SIZE:** 8.8 Acres

**SURROUNDING LAND USE:** Residential/Commercial

**MEDIA AFFECTED**  
Soil

**CONTAMINANTS**  
Polycyclic Aromatic Hydrocarbons (PAHs)

**STATUS**  
Delineated

## FUNDING SOURCES

1981 Bond Fund

## AMOUNT AUTHORIZED

\$331,000

## SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

The West Paterson Memorial School is located across the street from the Singer-Kearfott site, a vacant lot formerly used to dump wastes from coal gas production. Sampling conducted by USEPA in 1995 and 1996 revealed the soil at the Memorial School was contaminated with low levels of polycyclic aromatic hydrocarbons (PAHs), organic compounds that are associated with coal gas waste. The Federal Agency for Toxic Substances and Disease Control (ATSDR) reviewed the data, and while acknowledging that low levels of contaminants were present in the soil, concluded that the site did not present a public health threat. Based on these findings, USEPA determined that a soil removal action was not warranted.

In 1998, NJDEP initiated a Remedial Investigation and Remedial Action Selection (RI/RAS) of the school property upon the request of school authorities who remained concerned about potential health hazards posed by the contaminated soil. The purpose of the RI/RAS was to fully delineate the nature and extent of the contamination in the surface and subsurface soils and the ground water. The results of the RI/RAS confirmed USEPA's initial findings that the soil contained PAHs at levels slightly above NJDEP's cleanup criteria at three areas of the school yard, but this contamination did not present an immediate health threat. The RI/RAS also revealed that the ground water at the site had not been affected. NJDEP expects to issue a Remedial Action Selection Report outlining its recommendations to address the contaminated soil at the three areas in the school yard in early 2000.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M
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Sitewide				
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☐ Planned

☒ Underway

☐ Completed

☐ Not Required

